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21 September 1955

m 17789

RD-91

MEMORANDUM FOR FILE:

SUBJECT:

Radar Detectors for Small Boats

REFERENCE:

[] Verbal Request for Information

1. []
was contacted. The following general information was obtained:

a. COMMO is having built a variable frequency radar detector covering the 50 - 40,000 mc band. This equipment by using 9 oscilloscope tubes should obtain azimuth within about 10 degrees. The antenna is a pyramid of 9 separate units. The base unit is 12 feet square. Estimated weight is 75 pounds. Power required is very low. It is anticipated that the equipment will be tested early in 1956.

HA!

b. Single frequency or wide-band equipment is available for about 10 pounds. Antenna diameter would be six feet or less. Signal detection would be oral and general azimuth could be determined by manual antenna control.

2. Specific details and solutions to particular applications can, if desired, be obtained from []

[] SPD controls this type of equipment and all orders and priorities pass through them.

JW/jeh

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